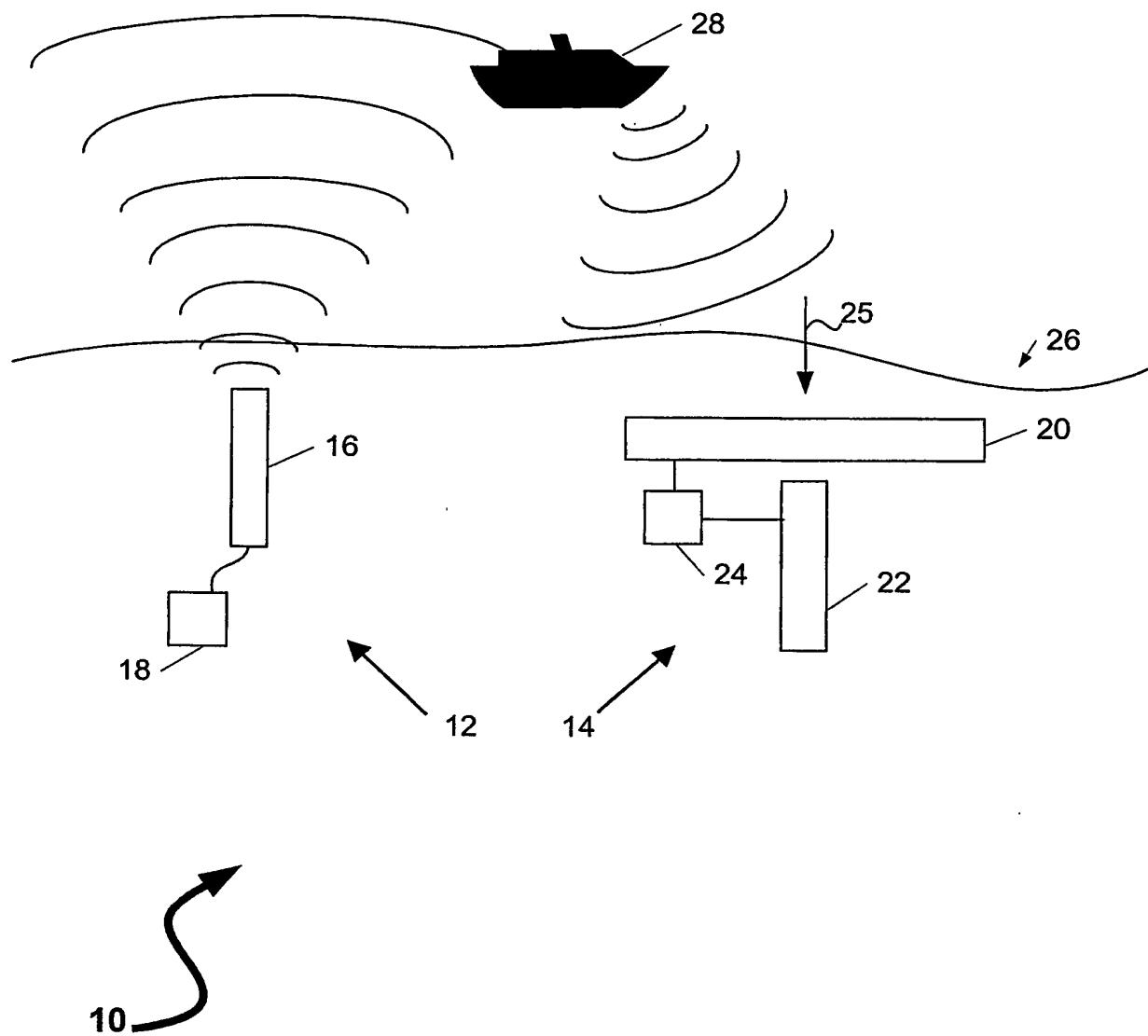


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**Figure 1**

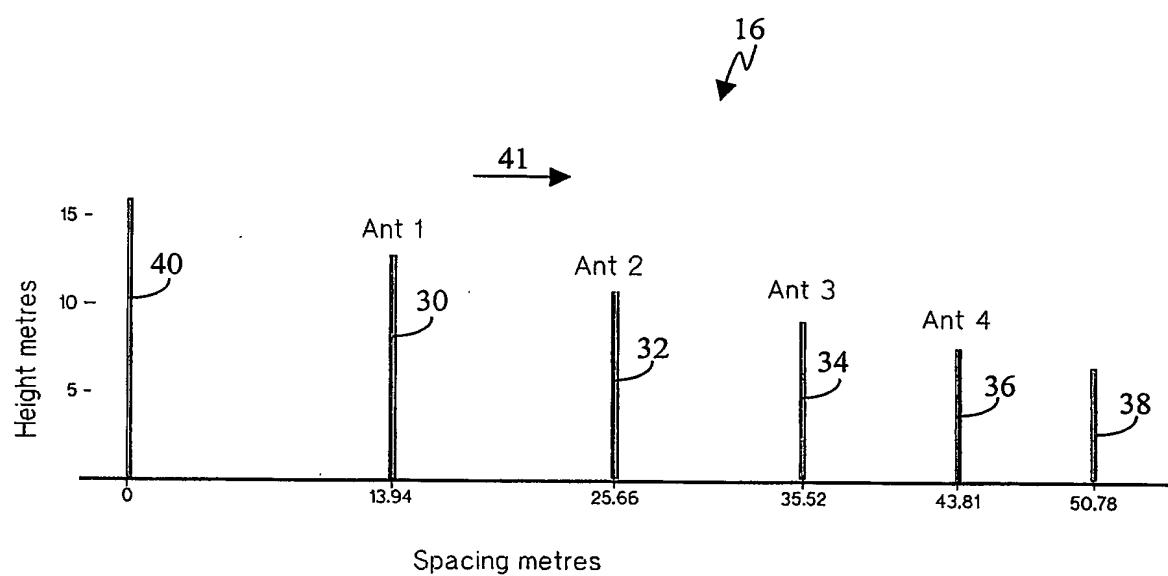


Figure 2

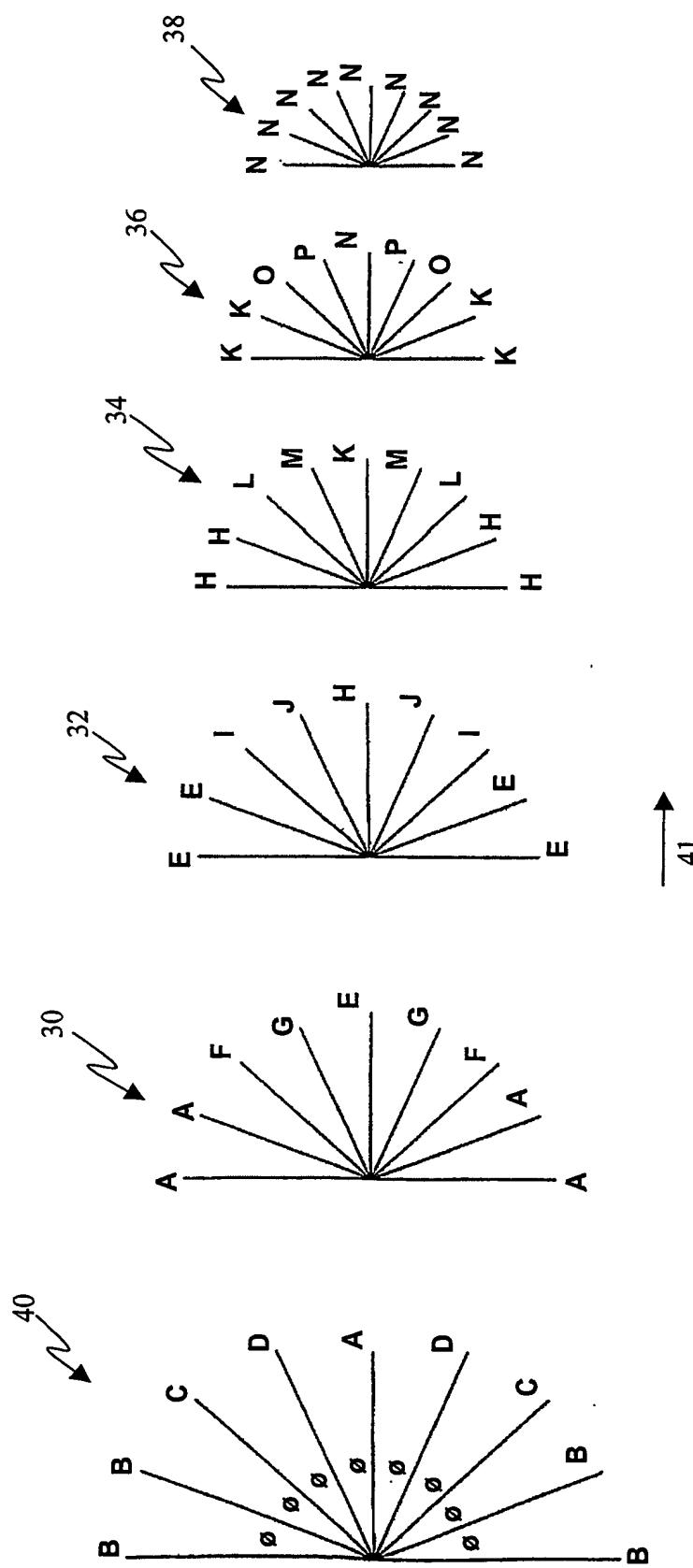


Figure 3

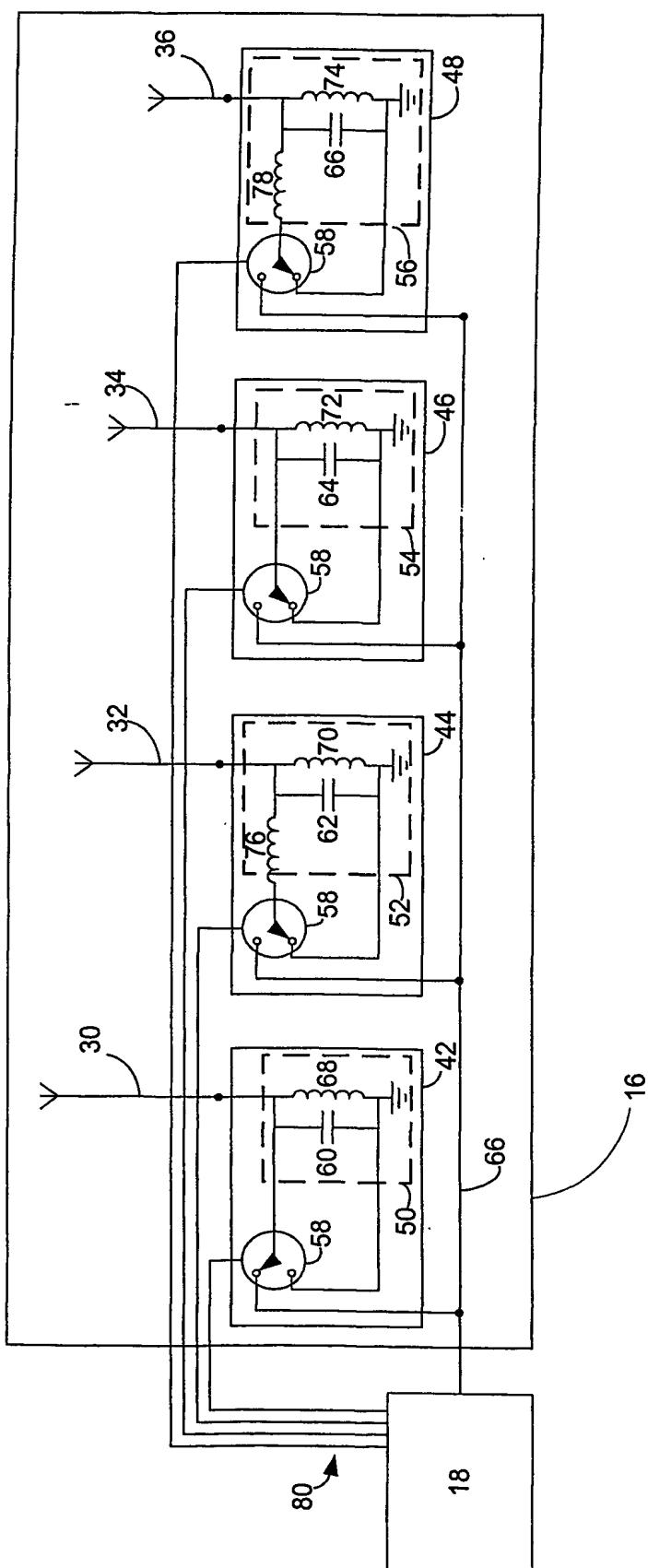


Figure 4

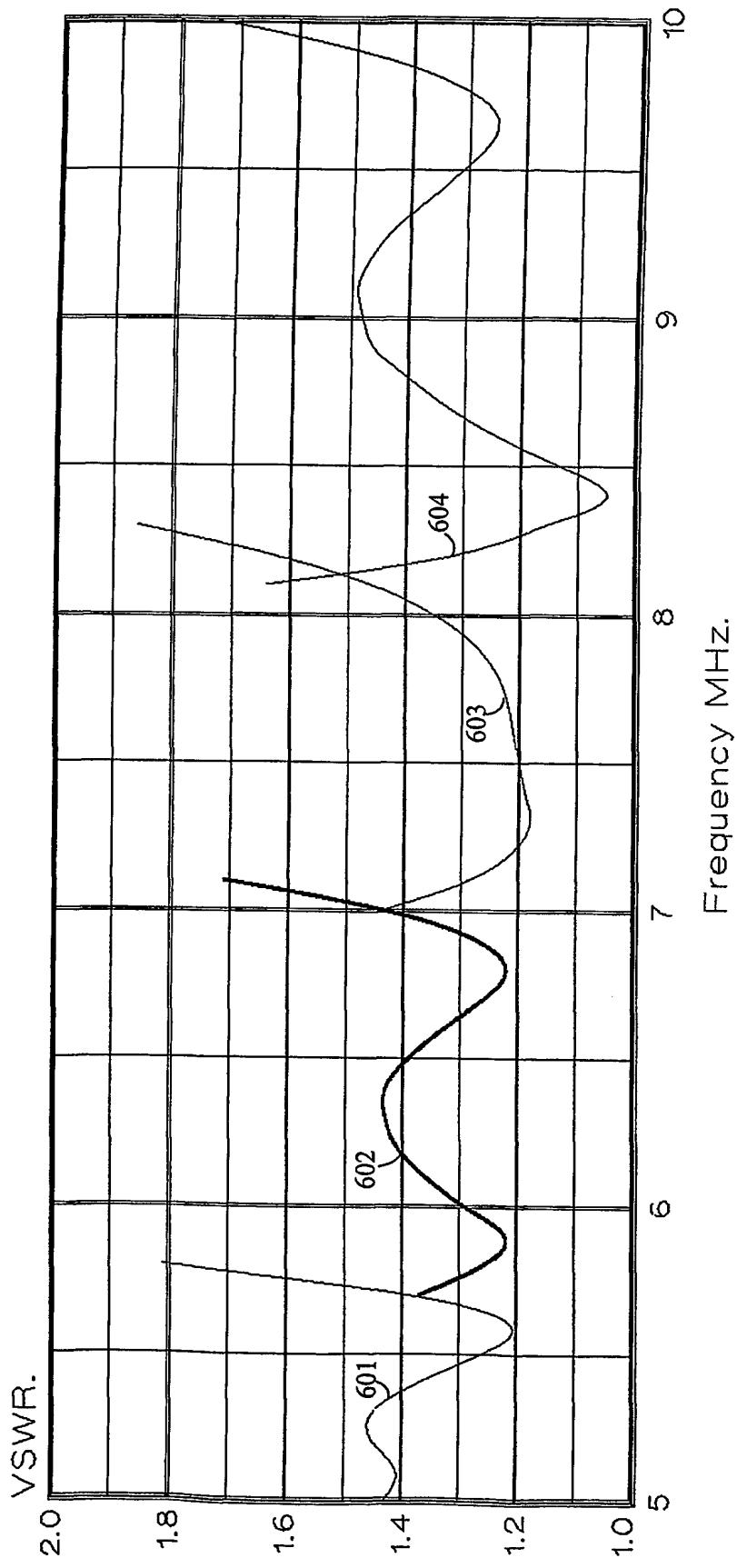
Log-periodic Monopole Antenna.

Matched VSWR.

Antenna 4.
VSWR

Antenna 2.
VSWR

Antenna 1.
VSWR



Frequency MHz.

Figure 5

Log-periodic Monopole Antenna.
Azimuth Pattern at 5.1 MHz.
Pattern
Calculated

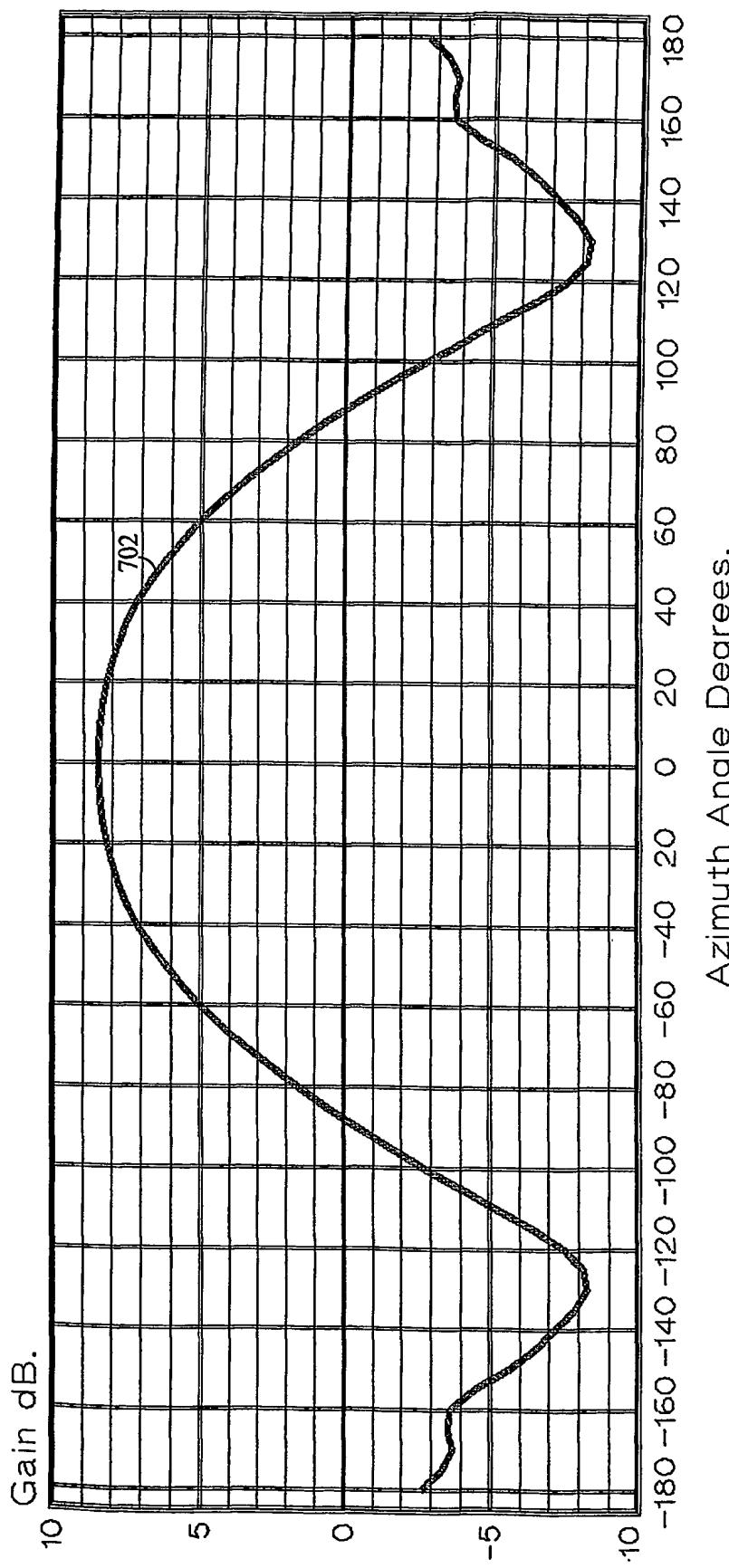


Figure 6

Log-periodic Monopole Antenna.
Azimuth Pattern at 6.1 MHz.

Pattern
Measured
—
Pattern
Calculated
—

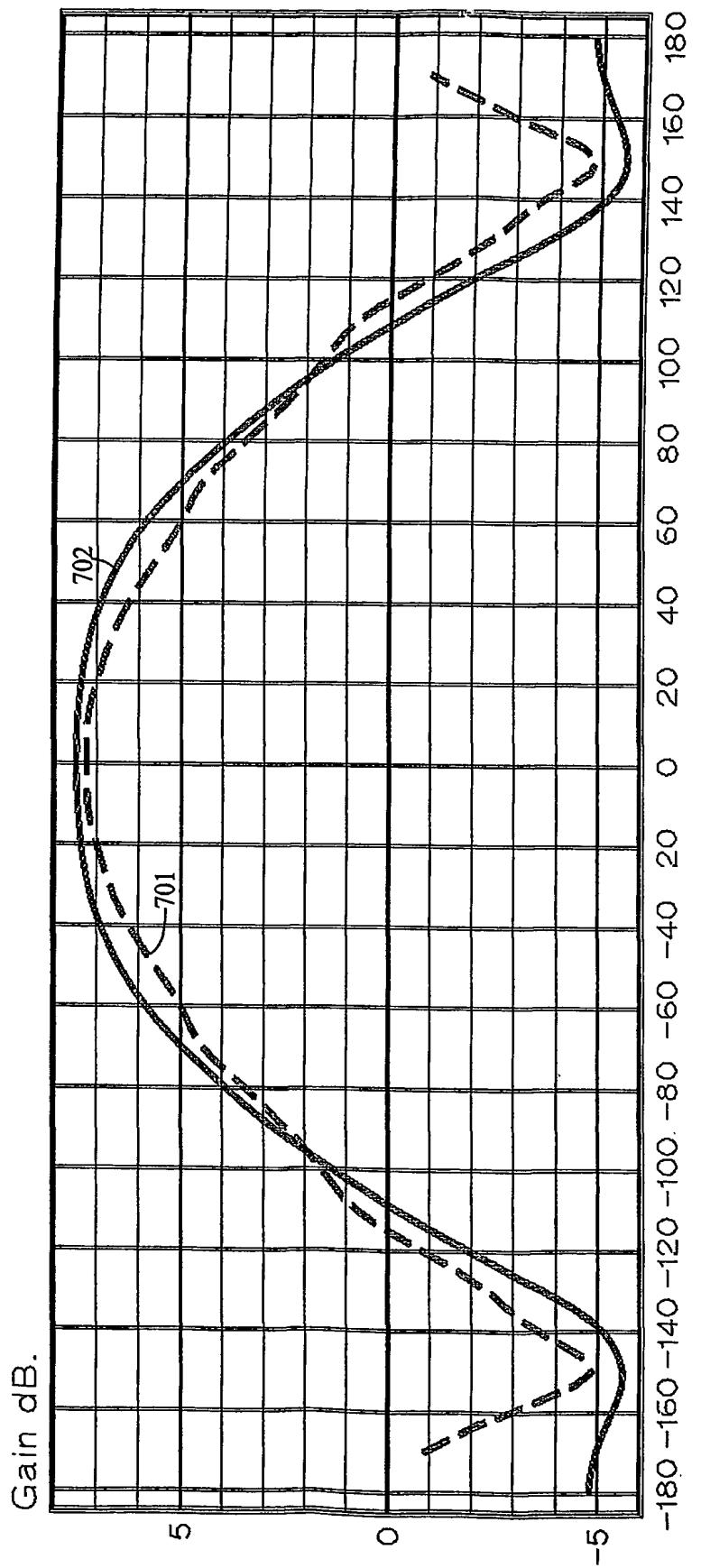


Figure 7

Log-periodic Monopole Antenna
Azimuth Pattern at 7.1 MHz.
Pattern Calculated
Pattern Measured

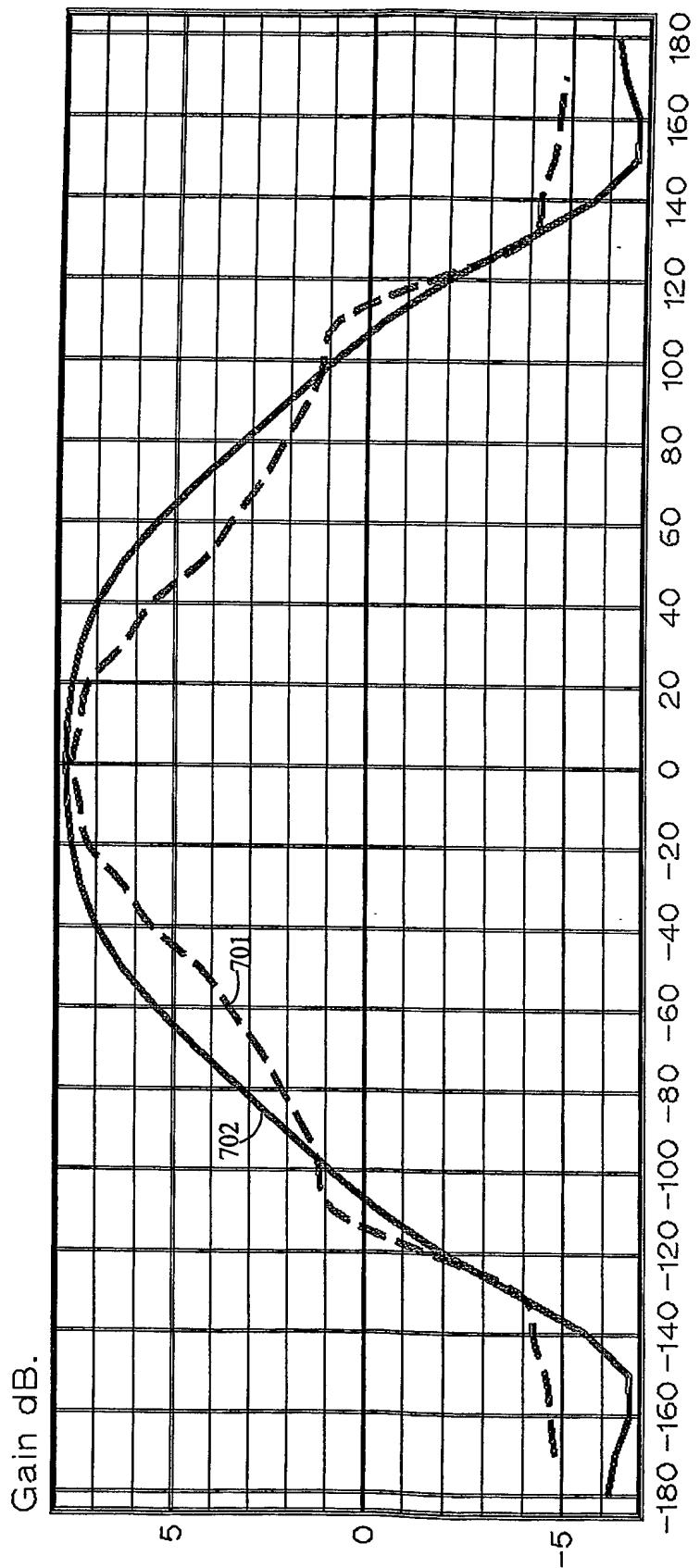
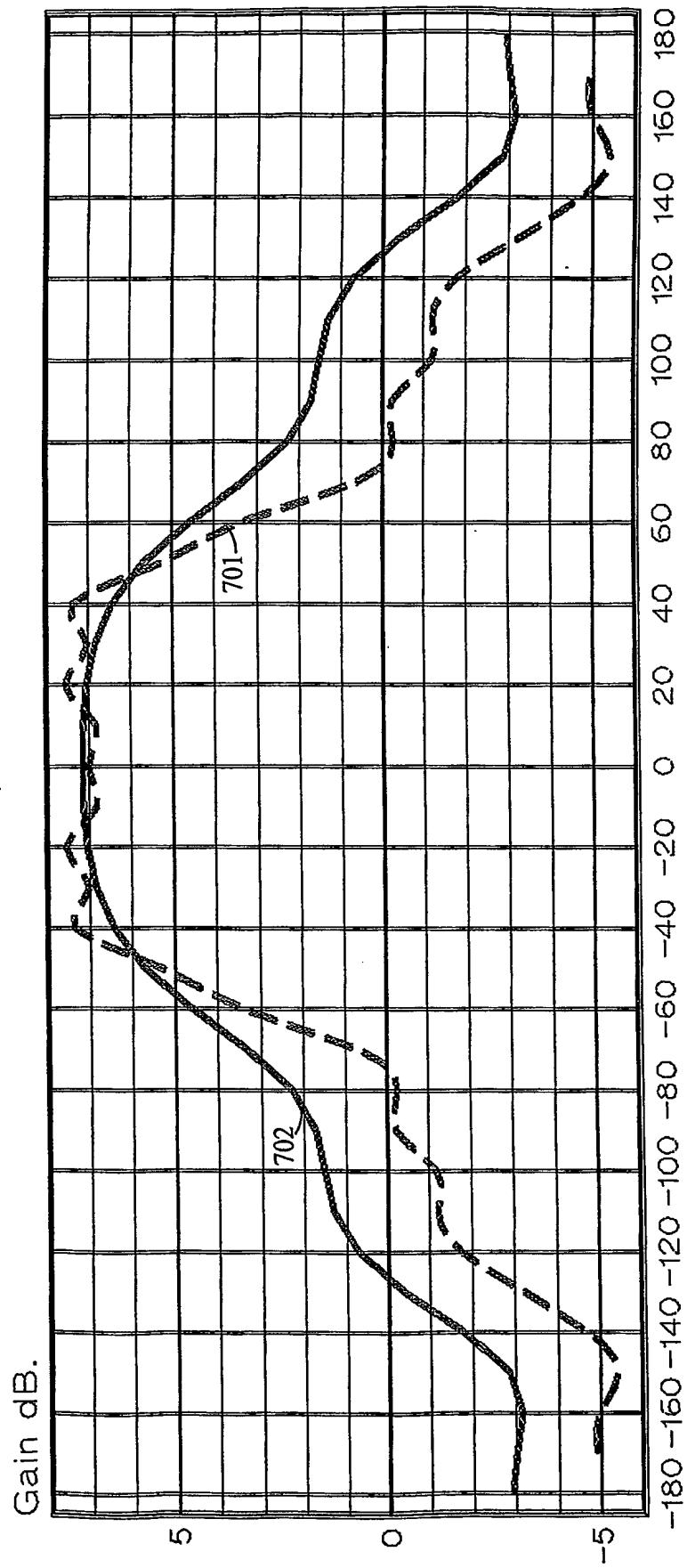


Figure 8

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Log-periodic Monopole Antenna.
Azimuth Pattern at 8.1 MHz.

Pattern
Calculated
—
Pattern
Measured
- - -



Azimuth Angle Degrees.

Figure 9

Log-periodic Monopole Antenna
Azimuth Pattern at 9.1 MHz.
Pattern Calculated
— — —
Pattern Measured

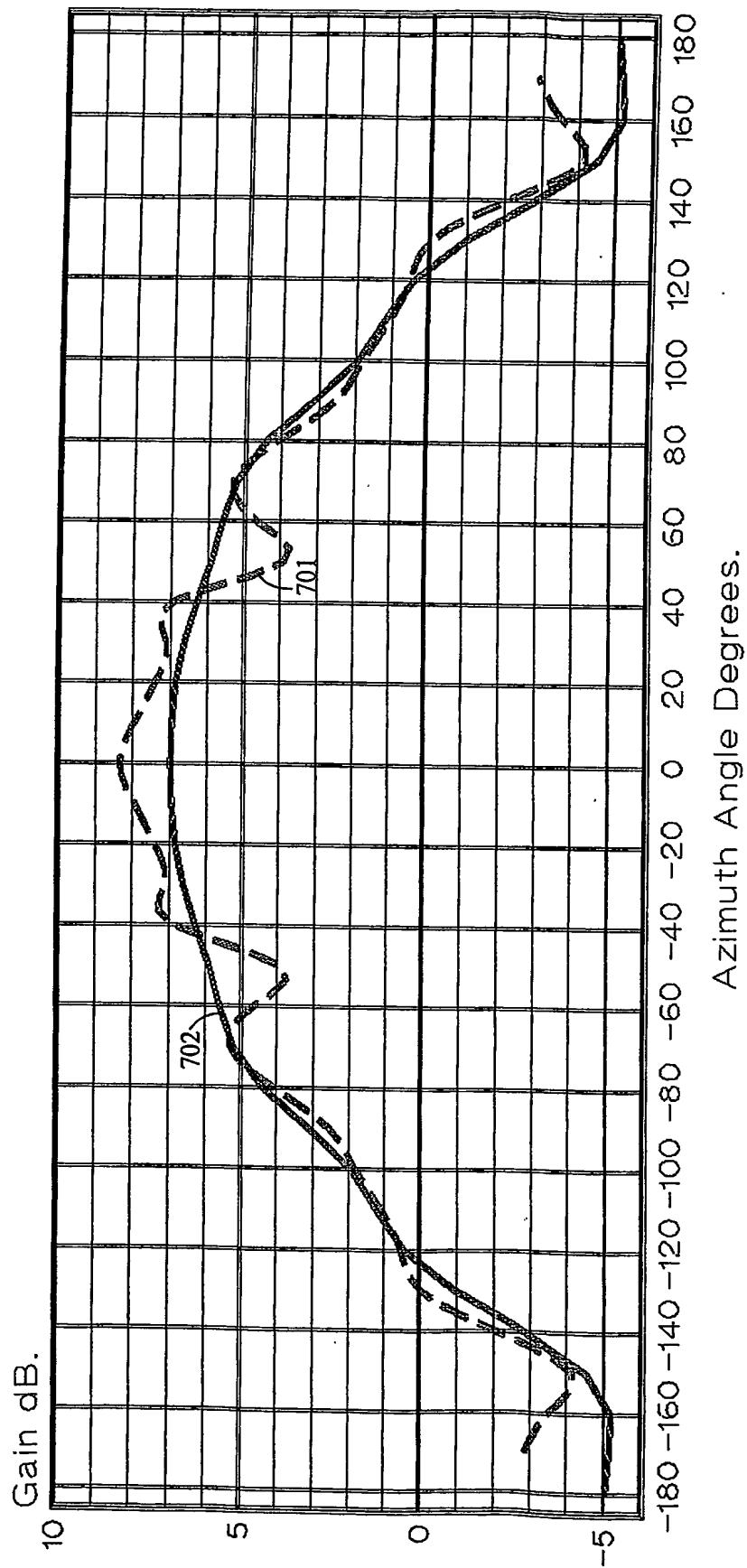


Figure 10

Log-periodic Monopole Antenna
Azimuth Pattern at 10.1 MHz.
Pattern
Measured
—
Pattern
Calculated
—

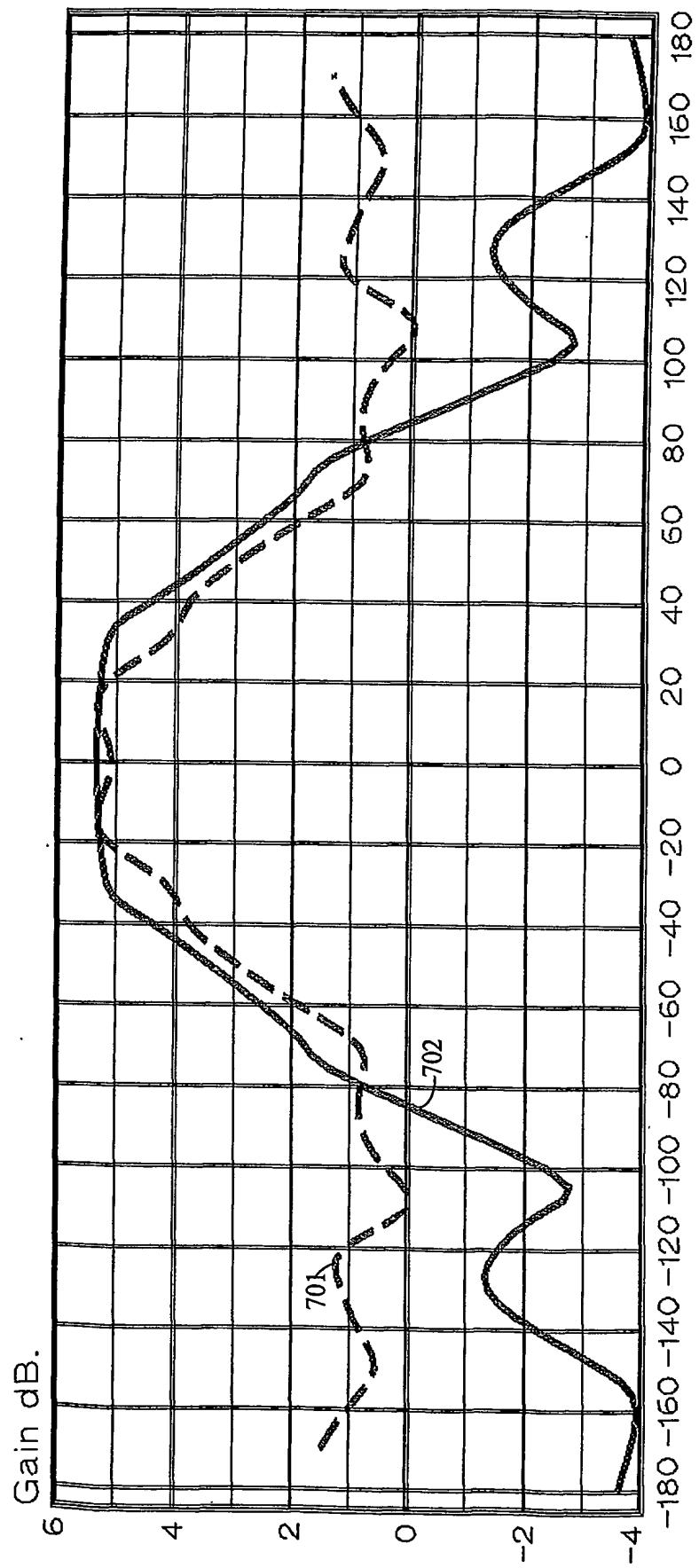


Figure 11